

ABSTRACT OF THE DISCLOSURE

[00040] The self-attaching female fastener of this invention includes a re-entrant groove having a V-shaped bottom wall including relatively inclined bottom faces of equal width having an arcuate apex centered beneath the restricted opening to
5 the groove. A die drives a panel portion through the restricted groove opening against the bottom faces, driving the panel portion into the apex and inwardly beneath the inclined inner side wall and outwardly beneath the inclined outer side wall of the groove, resulting in a better installation and accommodating a wider range of panel thicknesses. The V-shaped bottom wall also centers and balances the rolls during the
10 rolling process resulting in a more accurate cross-section of the fastener.